To: James P. O'Reilly
Directorate of Regulatory Operations
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

From: Jersey Central Power & Light Company
Oyster Creek Nuclear Generating Station
Docket #50-219
Forked River, New Jersey 08731

Subject: Abnormal Occurrence Report No. 50-219/74/59

The following is a preliminary report being submitted in compliance with the Technical Specifications, paragraph 6.6.2.

Preliminary Approval:

J. T. Carroll, Jr. for 11/13/74
Date

cc: Mr. A. Giambusso

11791

Initial Telephone Report Date: 11/12/74

Date of Occurrence: 11/12/74

Initial Written Report Date: 11/15/74

Time of Occurrence: 1106

OYSTER CREEK NUCLEAR GENERATING STATION
FORKED RIVER, NEW JERSEY 08731

Abnormal Occurrence
Report No. 50-219/74/ 59

IDENTIFICATION OF OCCURRENCE:

Trip of Diesel Generator #2 during surveillance testing.

This event is considered to be an abnormal occurrence as defined in the Technical Specifications, paragraph 1.15D.

CONDITIONS PRIOR TO OCCURRENCE:

____	Steady State Power	____	Routine Shutdown Operation
____	Hot Standby	____	Load Changes During Routine Power Operation
____	Cold Shutdown	x	Other (Specify)
____	Refueling Shutdown		
____	Routine Startup Operation		

The reactor was shutdown with coolant temperature <212°F.

DESCRIPTION OF OCCURRENCE:

At approximately 1055 on November 12, 1974, a routine, bi-weekly 20% load test of the #2 diesel generator was begun, as required by Technical Specification paragraph 4.7.A.1. At 1106, with the #2 diesel generator loaded to 2000 KW, the unit trouble alarm was received in the station control room and a normal shutdown sequence was automatically initiated. Investigation by the operator stationed at the diesel generator revealed that the trouble alarm and shutdown were caused by excessive cooling water temperature (200°F). This high temperature condition, in turn, was caused by a failure of the shutters (radiator louvers) to open and admit cooling air as the engine warmed up.

APPARENT CAUSE OF OCCURRENCE:

____ Design	____ Procedure
____ Manufacture	____ Unusual Service Condition
____ Installation/ Construction	____ Inc. Environmental
____ Operator	____ Component Failure
	__x__ Other (Specify)

The cause of failure of the shutters to open is currently under investigation. The louver control temperature switch will be removed and tested to determine if it failed.

ANALYSIS OF OCCURRENCE:

Appendix L to the FDSAR contains a probability analysis regarding the availability of standby cooling systems and includes an analysis of off-site power availability concurrent with a loss of coolant accident. The results indicated that the reliability of available power from off-site sources or from a self-contained unit - only one (1) diesel generator was considered in the analysis - was quite high. Since the station is provided with two (2) separate diesel generator units, having one (1) unit out of service has no effect at all upon the results of the analysis. In addition, the effects of single bus operation during a loss of coolant accident was analyzed in Amendment 32 to the FDSAR and the unit loading under this condition was found to be within the normal KVA rating of the diesel generator. Thus, there is no additional safety significance associated with this event beyond that already analyzed.

CORRECTIVE ACTION:

Corrective action will be based upon the findings of the investigation.

FAILURE DATA: Not available until completion of investigation.

Prepared by: Francis M. Rackin, Jr. Date: 11/12/74